

ABSTRACT OF THE DISCLOSURE

In a data transfer scheme using a caching technique
and/or a compression technique which is capable of reducing
5 the network load of a network connecting between data
transfer devices, correspondences between data and their
names are registered at the data transfer devices and the
corresponding names are transferred, instead of
transferring the data, for those data for which the
10 correspondences are registered, so that it is possible to
reduce the amount of transfer data among the data transfer
devices.

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